

FIG. 1

BD-RE (Blu-ray Rewritable)

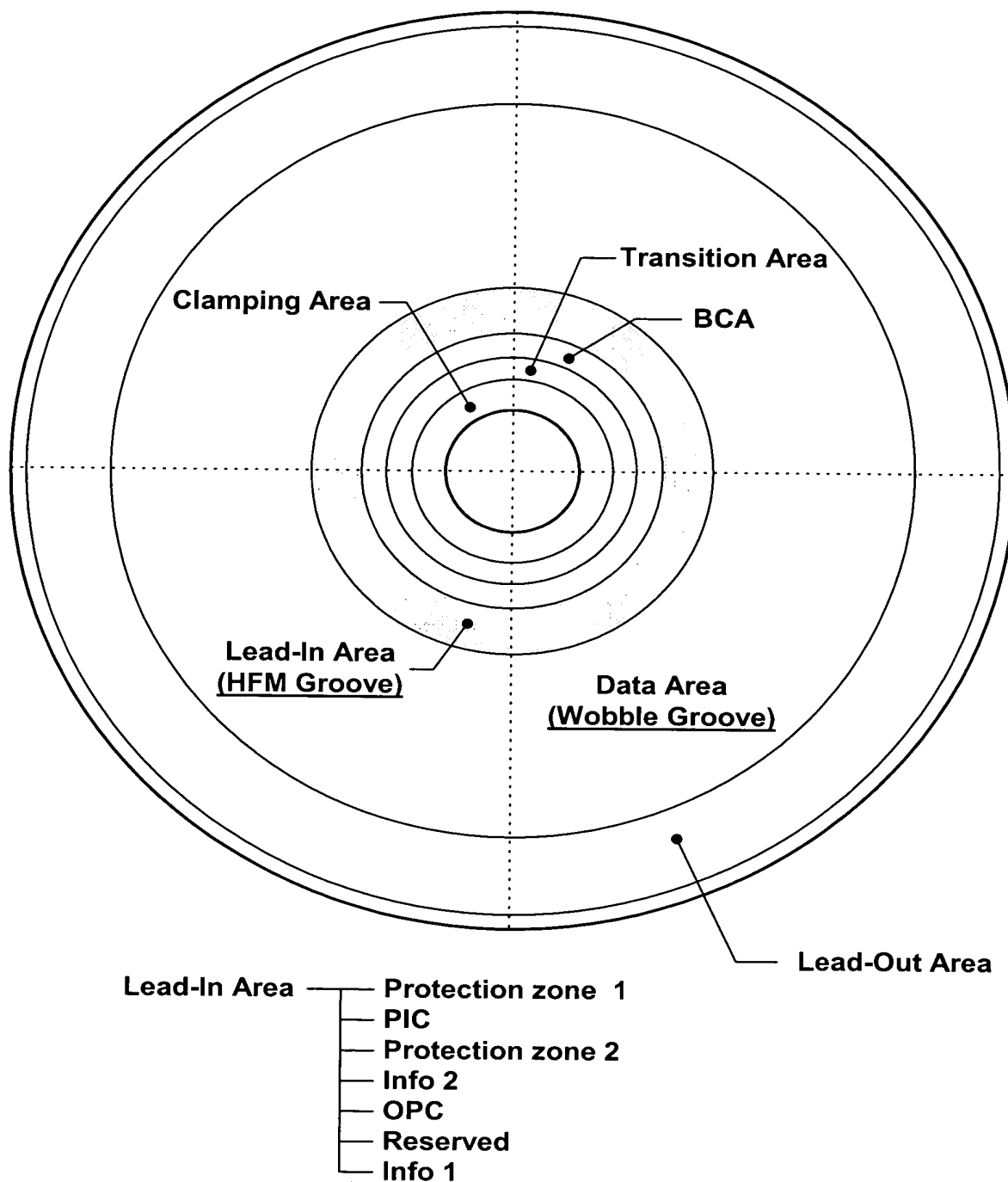


FIG. 2

Biphase modulated HFM groove

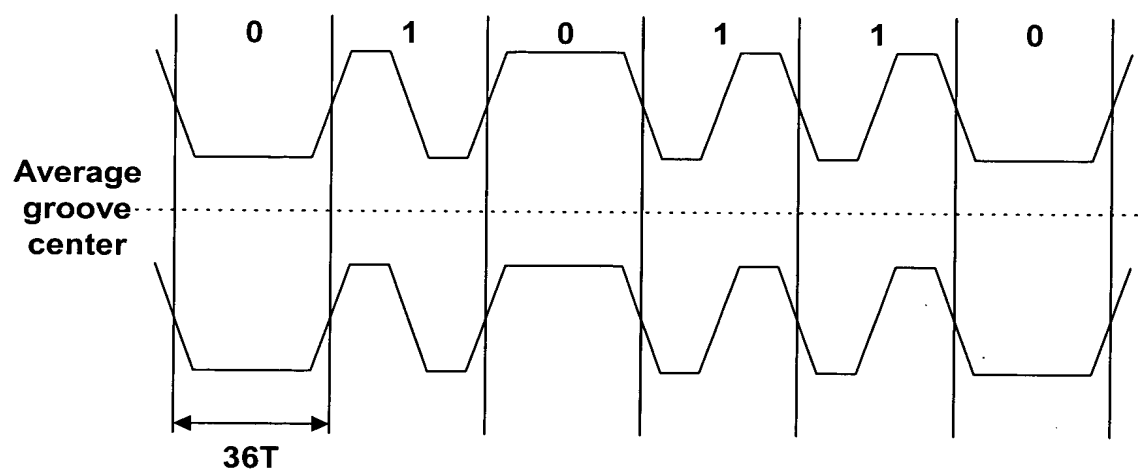


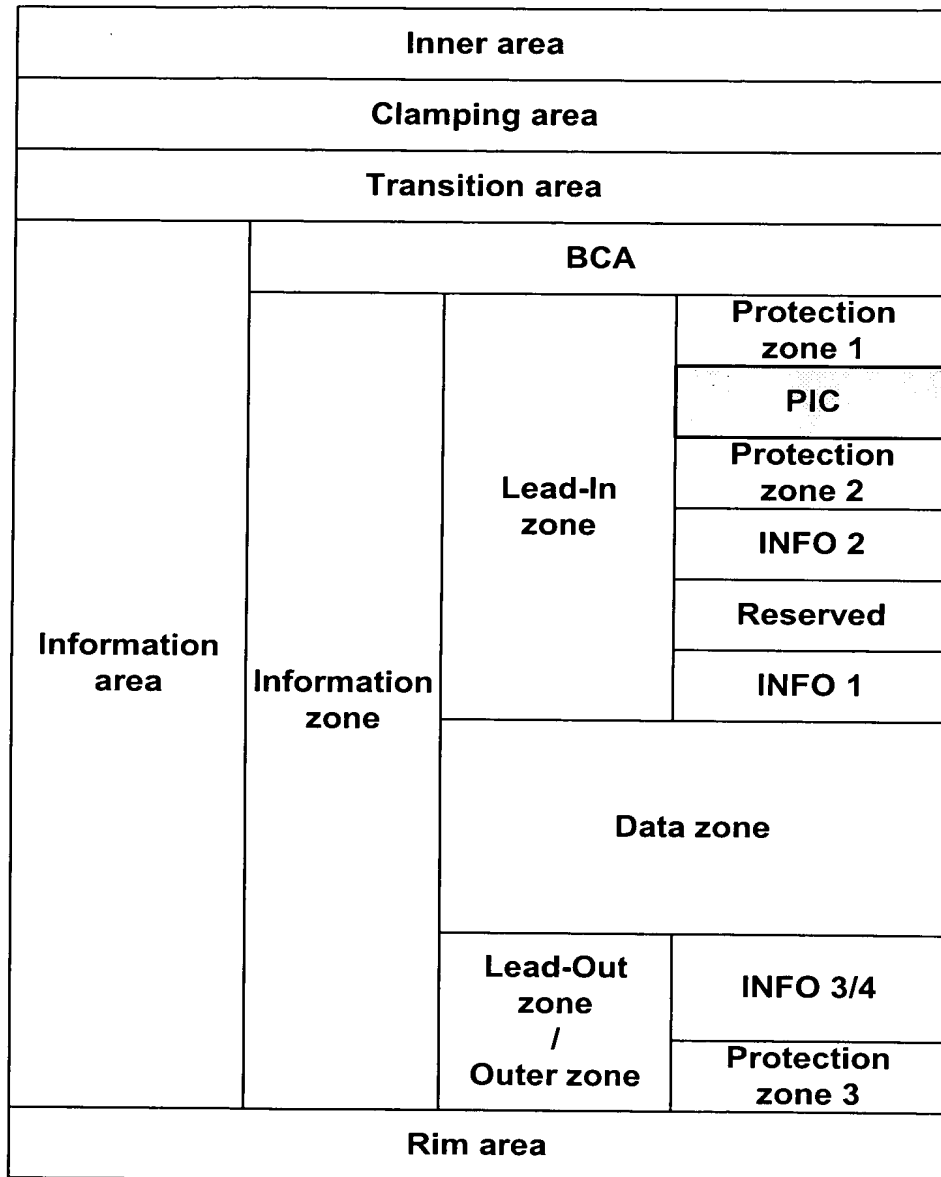
FIG. 3**BD-ROM (Blu-ray ROM)**

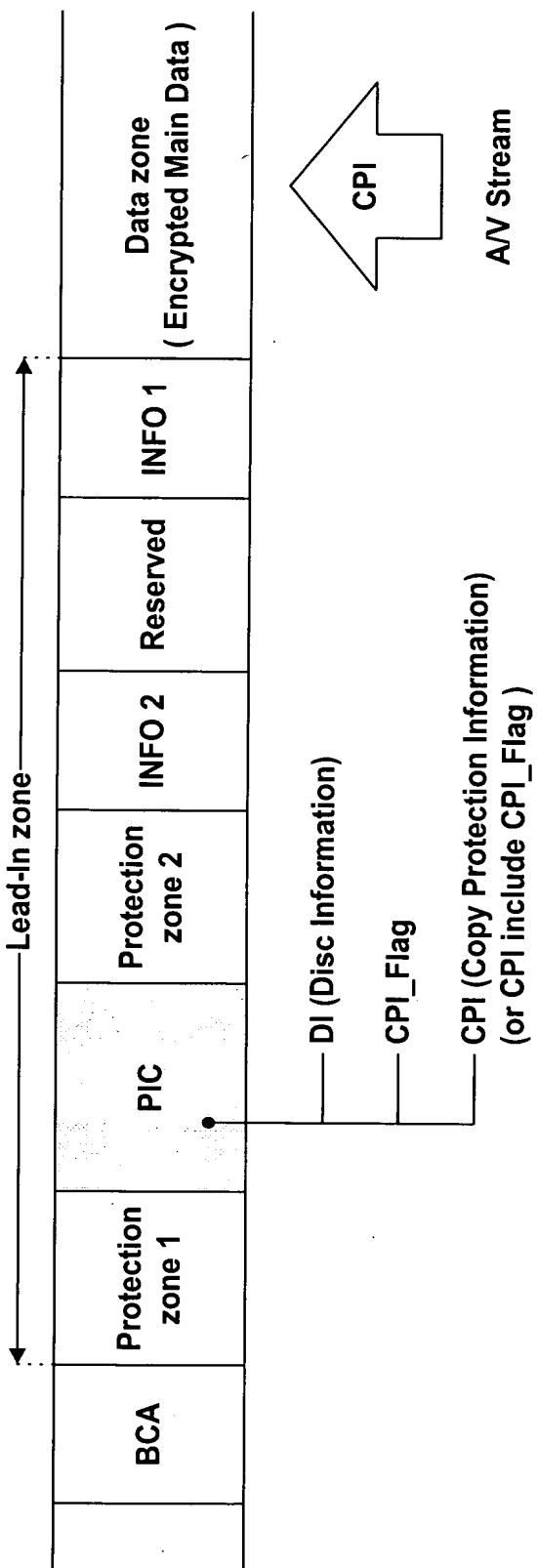
FIG. 4

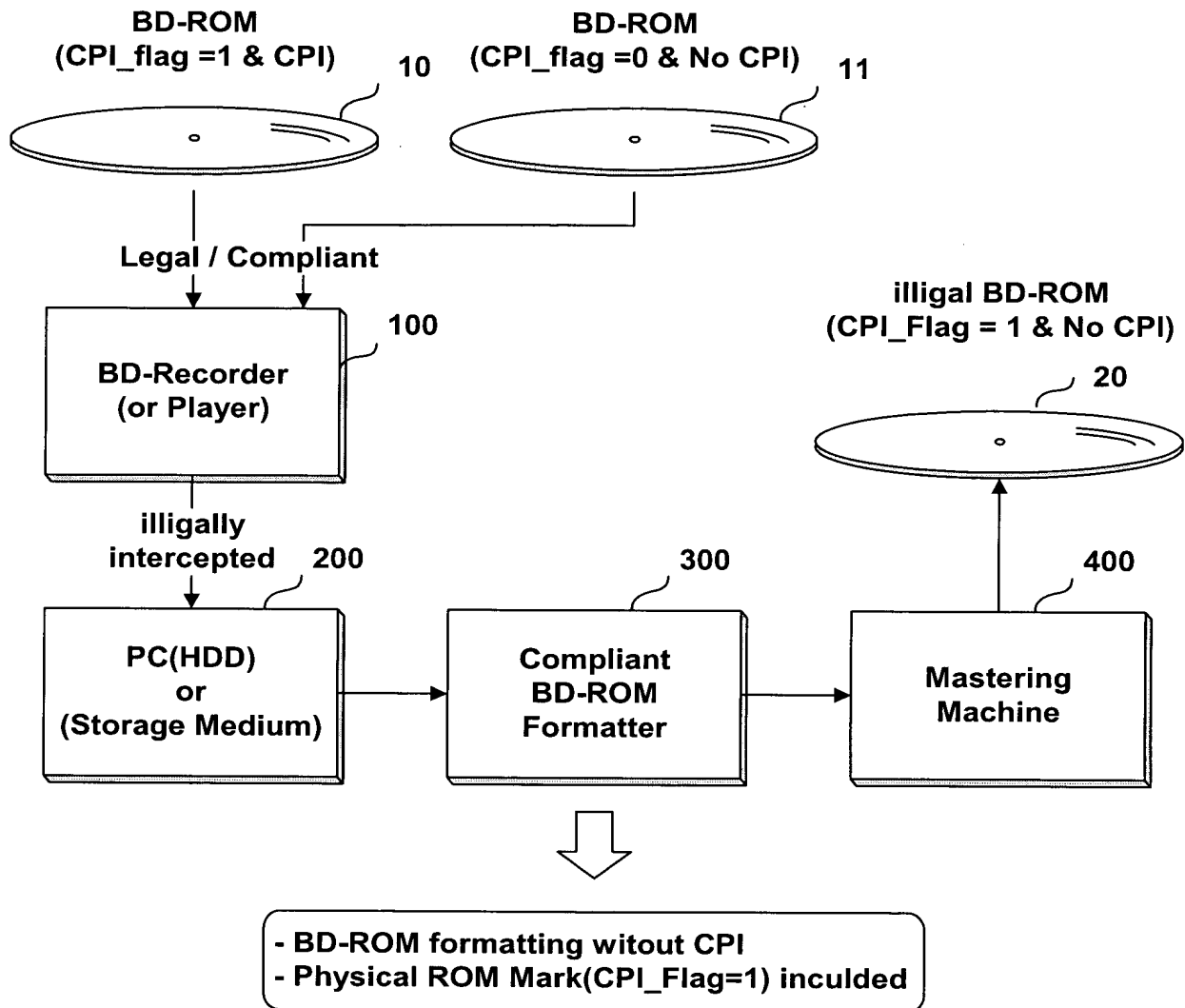
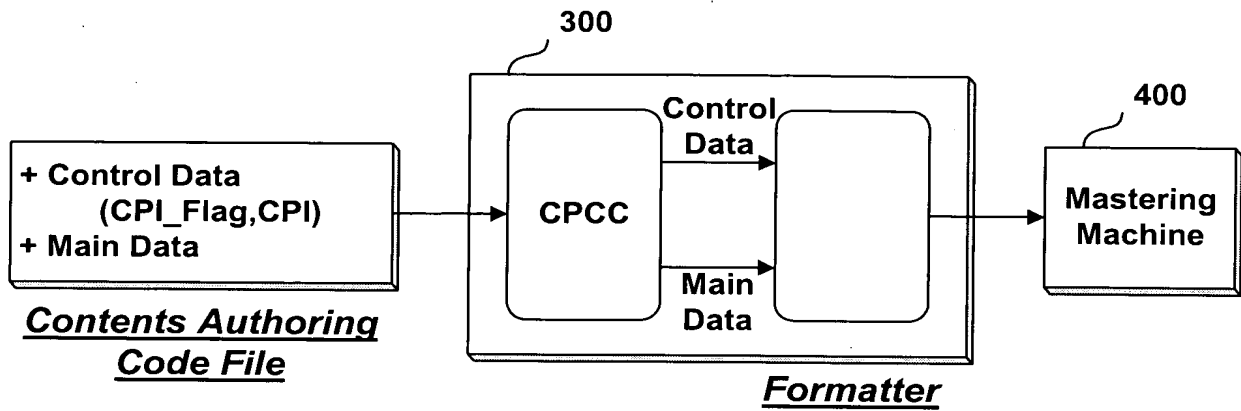
FIG. 5

FIG. 6

- Compliant(legal) and illegal Disc Cases

Mode 1 : "CPI_Flag(Value=1)" + "CPI"

Mode 2 : "CPI_Flag(Value=0)" + "No CPI"

Mode 3 : "CPI_Flag(Value=1)" + "No CPI"

→ (*illegally mastered disc*)

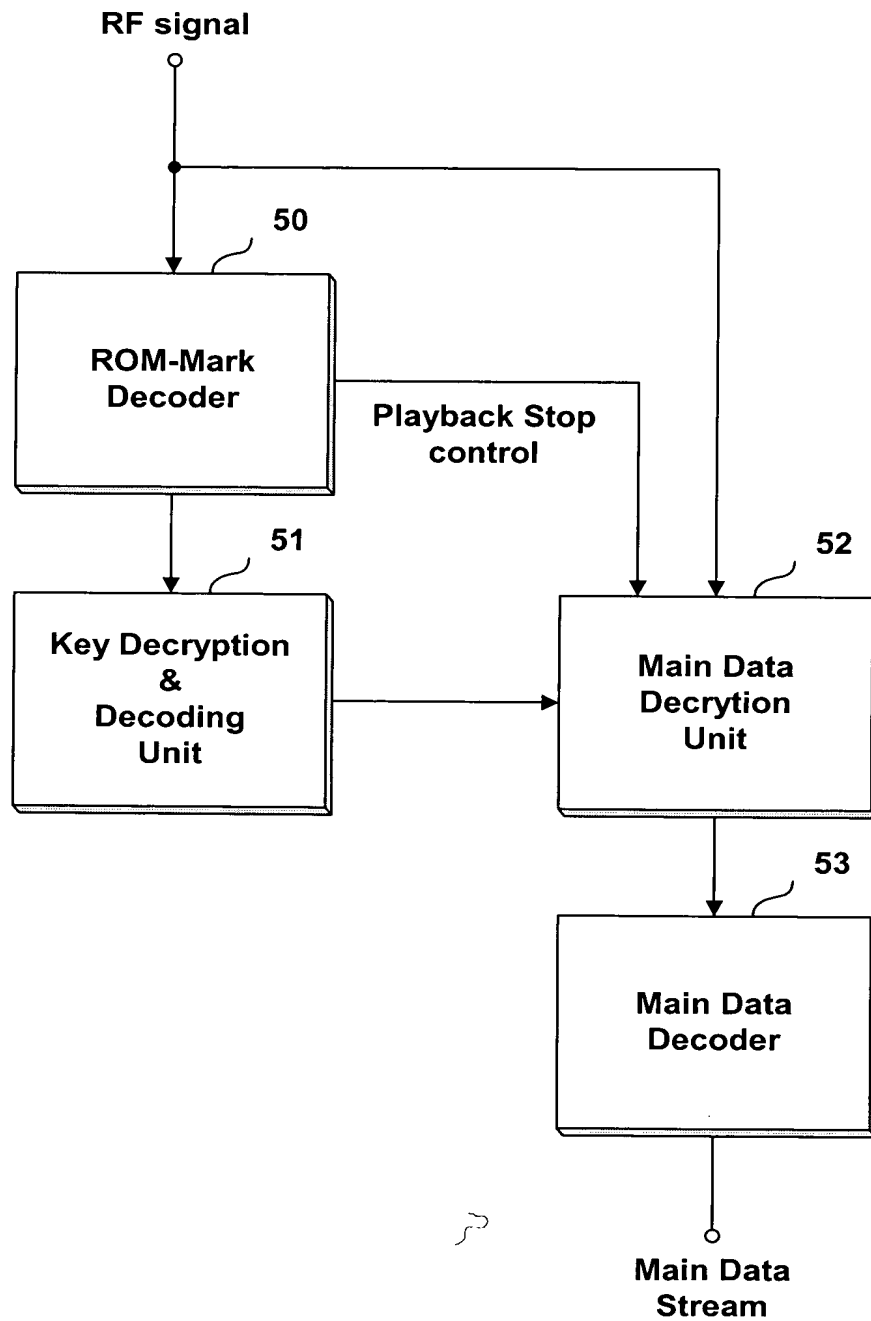
FIG. 7

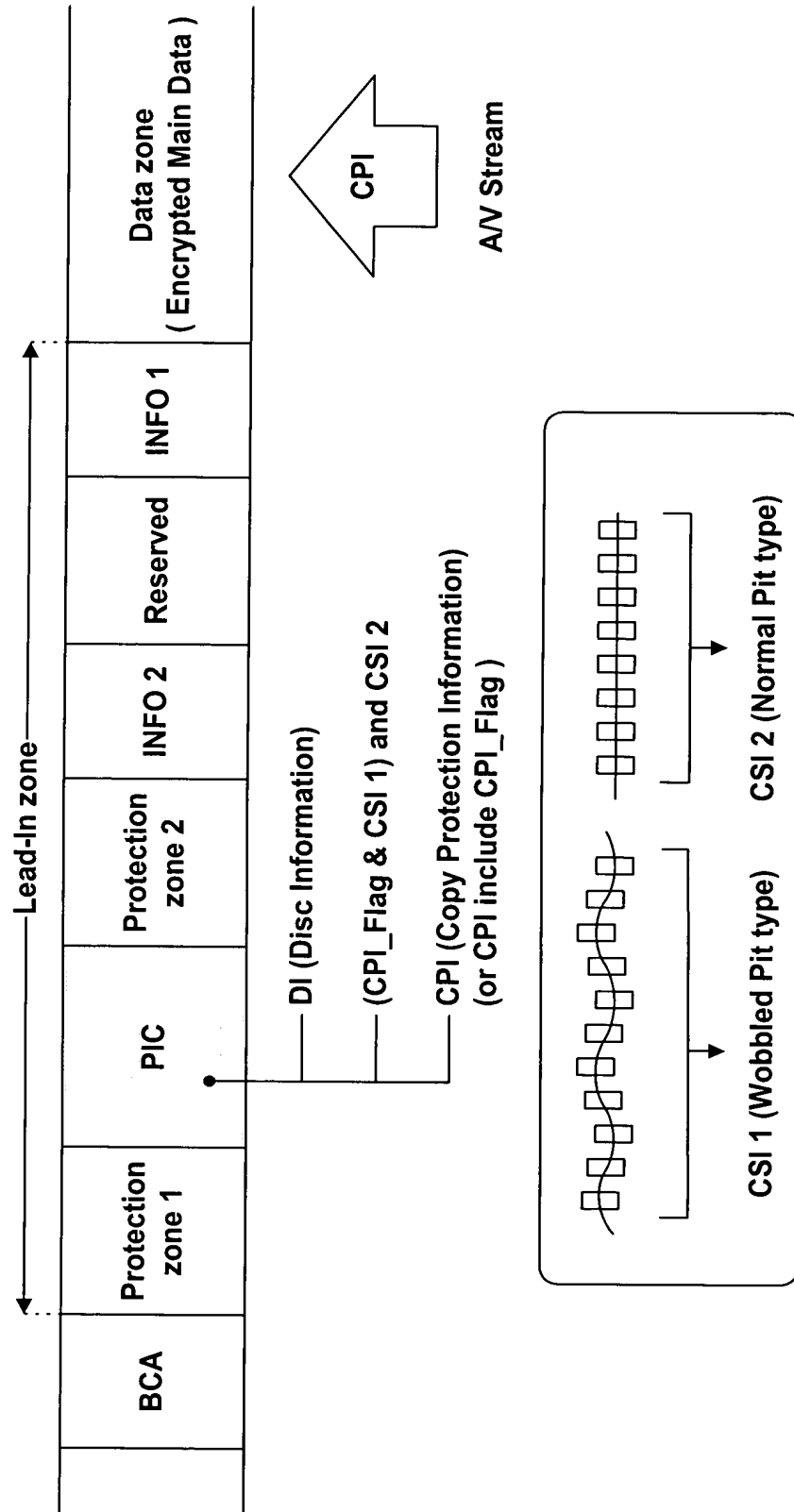
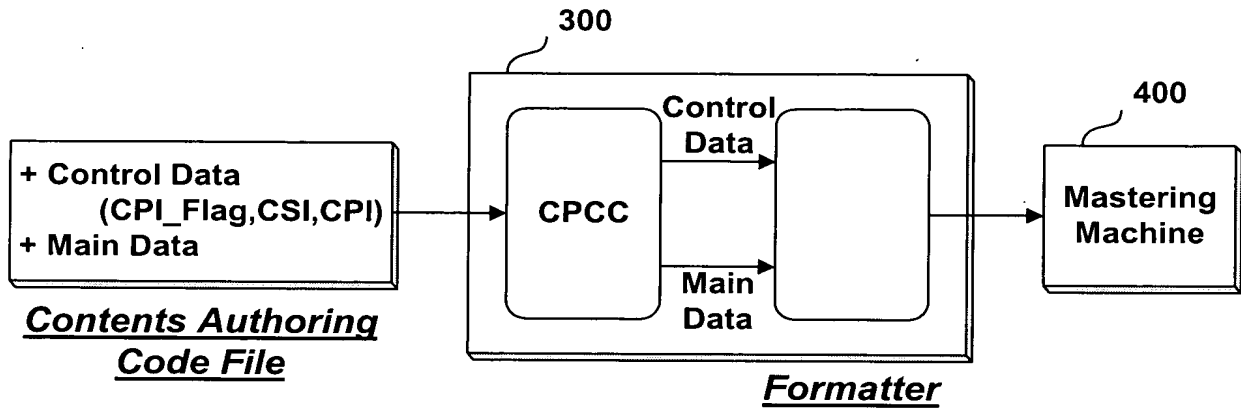
FIG. 8

FIG. 9

- Compliant(legal) and illegal Disc Cases

Within the Physical ROM Mark Area	CSI in Other Area of Disc
Mode 1 : "CPI_Flag(Value=1, CSI_Org)"+"CPI"	CSI_Org
Mode 2 : "CPI_Flag(Value=0, CSI_Org)"+"No CPI"	CSI_Org
Mode 3 : "CPI_Flag(Value=0, <u>CSI_1</u>)"+"No CPI"	CSI_2


**CSI within the physical ROM mark area
discords with CSI in other area**


(illegally mastered disc)

FIG. 10